



Department of  
Environmental  
Conservation



# LONG ISLAND SOUND SEAWEED BIOEXTRACTION SYMPOSIUM

May 18 & 19, 2022

**Wednesday, May 18, 2022 | Day 1 – 1:00 PM – 5:00 PM**

Time	Item
1:00 p.m.	<p><b>Welcome &amp; Introduction</b> Mark Tedesco, EPA Long Island Sound Office Director Kristin Kraseski, PhD, Long Island Sound Nutrient Bioextraction Coordinator</p>
1:15 p.m.	<p><b>Session 1 – Current Bioextraction Research</b> – <i>an overview of research that is currently being done on bioextraction using seaweed, within the Sound and beyond</i></p> <ul style="list-style-type: none"> <li>• Jang K Kim, PhD, Incheon National University, Korea</li> <li>• Schery Umanzor, PhD, University of Alaska</li> <li>• Aaren Freeman, PhD, Adelphi University</li> <li>• Mike Doall, SUNY Stony Brook University</li> <li>• Christopher Gobler, PhD, SUNY Stony Brook University</li> <li>• Phoebe Racine, UC Santa Barbara</li> </ul>
	<p><b>Session 1 – Q &amp; A</b></p>
3:35 p.m.	<p><b>Break</b></p>
3:45 p.m.	<p><b>Session 2 – Bioextraction in Context</b> – <i>an overview of work being done to look at potential uses of bioextracted materials, and how bioextraction can be used as a training or workforce development tool in urban areas</i></p> <ul style="list-style-type: none"> <li>• Samantha Garwin, Greenwave</li> <li>• Nora Catlin, PhD, Cornell Cooperative Extension of Suffolk County</li> <li>• Kris Mielenhausen, Rocking the Boat</li> </ul>
	<p><b>Session 2 – Q &amp; A</b></p>
4:50 p.m.	<p><b>Wrap Up &amp; Day 2 Agenda</b> Kristin Kraseski, PhD, Long Island Sound Nutrient Bioextraction Coordinator</p>



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May 18 & 19, 2022

Thursday, May 19, 2022 | Day 2 – 1:00 PM – 5:00 PM

Time	Item
1:00 p.m.	<p><b>Welcome &amp; Summary of Day 1</b> Kristin Kraseski, PhD, Long Island Sound Bioextraction Coordinator</p>
1:10 p.m.	<p><b>Session 3 – Seaweed Regulations and State Perspectives</b> – <i>an overview of the current and/or potential future regulatory environment around seaweed, how commercial seaweed is being viewed around the Sound, and connections to bioextraction</i></p> <ul style="list-style-type: none"> <li>• Wade Carden, NYS Department of Environmental Conservation</li> <li>• Michael Ciaramella, PhD, NYS Sea Grant</li> <li>• Anoushka Concepcion, CT Sea Grant</li> </ul>
	<p><b>Session 3 – Q &amp; A</b></p>
2:30 p.m.	<p><b>Session 4 – Seaweed Economics</b> – <i>an overview of economic projects going on in and around the Sound that will have implications for commercial seaweed production and seaweed bioextraction</i></p> <ul style="list-style-type: none"> <li>• Tammy Warner, PhD, Keene State College</li> <li>• Richard Vogel, PhD, SUNY Farmingdale</li> <li>• Steve Eddy, University of Maine Center for Cooperative Aquaculture Research</li> </ul>
	<p><b>Session 4 – Q &amp; A</b></p>
3:50 p.m.	<p><b>Session 5 – Identifying Next Steps</b> – <i>an open forum on how to move bioextraction forward within the Long Island Sound with input from all attendees on the following topics</i></p> <ul style="list-style-type: none"> <li>• Data gaps and research needs</li> <li>• Uses of bioextracted materials</li> <li>• Regulatory considerations</li> <li>• Industry development needs</li> </ul>
5:00 p.m.	<p><b>Adjourn</b></p>